Material Safety Data Sheet

TRIBOLUBE-2N

May be used to comply with OSHA's ,Hazard Communication Standard. 29 CFR 1910. 1200 Standard must be consulted for specific requirements.

QUICK IDENTIFIER Common Name: (used on Label and list)

SECTION 1- MANUFACTURER

Manufacturer's						THE A LOUIT	<u> </u>
Name	Aerospace Lu	bricants, Inc				HEALTH	
Address	1600 Georges	sville Road		Emergency Telephone N	io. 614-878-3600	FLAMMABILIT	Y O
City, State, and Zip	Columbus, O	hio 43228		Other Information Calls	614-878-3600	REACTIVITY	0
Signature of Person Responsible for Prepa	ration Stephen E.	hen Estates Gates	<u> </u>	Date Prepared	January 12, 2004 Rev. B	PERSONAL PROTECTION	В
SECTION 2- H	AZARDOUS INC	GREDIENTS/I	DENTITY				
Hazardous Component(s)	(chemical & common name	(s)	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
No hazardous compon	ents were knowingly inc	corporated into this l	ubricant. This p	oduct is not con	sidered hazardous a	ccording to the OSI	НА
Hazardous Communic	eation Standard 29CFR 1	910.1200					
SECTION 3 - P	HYSICAL & CH	EMICAL CHA	ARACTERI	STICS			
SECTION 3 - P. Solling Point Above 500° B		EMICAL CHA	Specific		Vap Pre	(II-)	an 5 mm
Boiling	Vanor	EMICAL CHA	Specific	ISTICS		(II-)	an 5 mm
Soiling Above 500° I	7	EMICAL CHA	Specific Gravity (H O=1)	1.86		(II-)	an 5 mm
Above 500° I Solubility n Water Negligible Appearance	Vanor		Specific Gravity (H O=1) Reactivity in Water Neg Melting Point	1.86 ligible		(II-)	an 5 mm
Above 500° I Solubility n Water Appearance and Odor Above 500° I Negligible Yellow Great	Vapor Density (Air=1) N/A	ır	Specific Gravity (H O=1) Reactivity in Water Neg Melting Point	1.86		(II-)	an 5 mm
Above 500° I Solubility n Water Negligible Appearance and Odor Yellow Great SECTION 4 - F	Vapor Density (Air=1) N/A ase, slight petroleum odo IRE & EXPLOSI Method	ır	Specific Gravity (H O=1) Reactivity in Water Neg Melting Point Abo Flammable Limits	ligible ove 550° F	Pre	UEL	an 5 mm
Above 500° I Solubility n Water Appearance and Odor Yellow Great SECTION 4 - F Plash Point N/A Auto-Ignition	Vapor Density (Air=1) N/A ase, slight petroleum odo IRE & EXPLOSI Method Used N/A Ext	ON DATA	Reactivity in Water Neg Melting Point Abo Flammable Limits in Air % by Volume	ligible ove 550° F LEL N/A LOWE	Pre	ssure (mm Hg) Less tha	an 5 mm
Above 500° I Solubility n Water Appearance and Odor Vellow Great SECTION 4 - F Plash Point N/A Auto-Ignition Temperature Special Fire Above 6000	Vapor Density (Air=1) N/A ase, slight petroleum odo IRE & EXPLOSI Method Used N/A Ext. Med.	inguisher	Reactivity in Water Neg Melting Point Abo Flammable Limits in Air % by Volume hemical, foam, v	ligible ove 550° F N/A LEL Lowe vater spray	Pre N/A	UEL Upper N/A	
Above 500° I Solibility n Water Appearance and Odor Yellow Great SECTION 4 - F Tash Toint N/A Auto-Ignition Temperature Above 6000 Special Fire Tighting Procedures Self	Vapor Density (Air=1) N/A ase, slight petroleum odo IRE & EXPLOSI Method Used N/A Ext Mee Contained breathing app	${f CON\ DATA}$ inguisher ${f CO}_2$, dry claratus and protective	Reactivity in Water Neg Melting Point About Flammable Limits in Air % by Volume themical, foam, very colothing should	ligible ove 550° F N/A LEL Lowe vater spray	Pre N/A ting fires involving	UEL Upper N/A	
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State		- PHYSICAL HAZARDS (REACTIVITY DATA)	TRIBOLUBE-2N
Oxidizing material can cause a reaction Comparison C	Stable X	Conditions to Avoid Strong Oxidizers	
Decomposition Decompositio		Oxidizing material can cause a reaction	
Decomposition Protection	Hazardous		
SECTION 6 - HEALTH HAZARDS L. Acara	Decomposition Products		
None	polymerization Will Not	Occur None Known	
None	SECTION 6	- HEALTH HAZARDS	
Sympton of Exposure Prolonged and repeated contact with skin may cause skin irritation.		2. Chronic	
Decomposition products formed at high temperatures above 250°C may cause "polymer fever." Modical Condition Generally Aggressated by Exposure No known medical condition that might be aggravated by exposure Commendation Continuous			
Againstate by Esposius No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical condition that might be aggravated by exposure No known medical conditions that might be aggravated by exposure No known medical conditions that might be aggravated by exposure No known and water. No known medical conditions that might be aggravated by exposure No known and water. No known medical conditions that might be aggravated by exposure No known and water. No known and water. No known medical conditions that might be aggravated by exposure No known and water. No known and water	Sympton of Exposure		
Consider Litted as Carcinogen or Program Program Program National Toxicology Ves LARC Ves OSSHA Ves Program No No No No No No No No	Medical Condition Generall		."
The program of the pr	Aggravated by Exposure	No known medical condition that might be aggravated by exposure	
Skin contact: Wipe off and wash with soap and water. Skin contact: Wipe off and wash with soap and water.		9201	
ROUTES OF ENTRY 1. Inhalation Remove to fresh air, if necessary seek medical attention	Emergency and	-	
ROUTES OF ENTRY Remove to fresh air, if necessary seek medical attention 2. Eyes Flush with water, get medical attention Wipe off and wash with soap and water Alagestion No known adverse effects are known, consult physician SECTION 7 -SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES Pecautions to be Taken in Handling and Storage Use reasonable care. Do not store above 250°F or near flammables Other Precautions Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature. Avoid spills; causes slippery surfaces Sept to be Taken in Case Material is Released or Spilled Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor waste materials for salvage or disposal. Waste Disposal Waste Disposal Waste Disposal Waterial is Released or Spilled Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor waste materials for salvage or disposal. Waste Disposal Waste Disposal Not required unless product is being used as a mist. SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES Separatory Protection Not required unless product is being used as a mist. Secommended Not required Secommended Not Required		Skin contact. Wife on and wash with soap and water.	
Flush with water, get medical attention 3. Skin Wipe off and wash with soap and water 4. Ingestion No known adverse effects are known, consult physician SECTION 7 -SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES Precautions to be Taken in Handling and Storage Use reasonable care. Do not store above 250°F or near flammables Other Precautions Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature. Avoid spills; causes slippery surfaces Seeps to be Taken in Case Material is Released or Spilled Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor waste materials for salvage or disposal. Waste Disposal Methods (Consult federal, state, and local regulations) Dispose of in accordance with current Federal, State, and Local Regulations. SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES Respiratory Protection Recommended Recommended Recommended Recommended Recommended Not Required Protective Not required Protective Not Required Protection Safety glasses recommended. Other Protection Safety glasses recommended.	$\overline{}$		
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SECTION 7 -SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES Precautions to be Taken in Handling and Storage Use reasonable care. Do not store above 250°F or near flammables Other Precautions Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature. Avoid spills; causes slippery surfaces Steps to be Taken in Case Material is Released or Spilled Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor waste materials for salvage or disposal. Waste Disposal Methods (Consult federal, state, and local regulations) Dispose of in accordance with current Federal. State, and Local Regulations. SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES Respiratory Protection (Specify Type) Not required unless product is being used as a mist. Mechanical (Special Other Protective) Recommended Exhaust Not required (General) Recommended Not Required (General) Recommended Not Required (General) Recommended		4. Ingestion	
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Gloves Plastic disposable Protection Safety glasses recommended. Other Protective	Recomme	eneded Not required Recommended Not i	Required
	Gloves Plastic di		<u>d.</u>
World (Hyroignia Depotings	Clothing or Equipment	Plastic apron, fabric laboratory coat recommended.	
Work/Hygienic Practices Do not contaminate smoking materials; wash hands and / or contaminated area after exposure.	work/Hygienic Practices	Do not contaminate smoking materials; wash hands and / or contaminated area after exposu-	re.